

Assessment 1

 samatharamakrishna@gmail.com (not shared) [Switch account](#)



* Required

Name *

Your answer

Email *

Your answer

What's the right syntax to assign the function doSomething as the handler of a click event? * 1 point

- ☐ onClick={() => doSomething}
- ☐ onClick={doSomething}
- ☐ onClick={doSomething() }



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A module in a file myClass.js exports a class like this: *

1 point

export default MyClass;

How can MyClass be imported in another module?

- ☐ import {My} from './myClass';
- ☐ import from './myClass.js';
- ☐ import MyClass from './myClass';
- ☐ import default MyClass './myClass';

Why must setState be used to add to the state? *

1 point

- ☐ Because state is not a normal object. Using setState is the only way to do it.
- ☐ Because that is thread safe. Directly manipulating the state is not.
- ☐ Because doing so triggers the re-rendering of the involved components

What is the primary purpose of using props? *

1 point

- ☐ To add HTML attributes to JSX code
- ☐ To pass on data to child components
- ☐ To maintain internal data for a component

What is JSX? *

- ☐ A testing library for React.



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- ☐ An HTML-like language that compiles to CSS.
- ☐ An HTML-like language that compiles to JavaScript.

What's one way that JSX and HTML differ? *

1 point

- ☐ HTML is for creating a user interface.
- ☐ JSX uses className instead of class.
- ☐ JSX uses <textInput> instead of <input>.
- ☐ JSX uses <container> instead of <div>.

In which scenario does the React Hook called useRef help most? *

1 point

- ☐ When you want a link to a functional component
- ☐ When you want a hard code reference to a state array
- ☐ When you want a hard code reference to a state object
- ☐ When you to receive a reference to a DOM element in your component return

What method needs to be called in a class component to have a similar result to calling useState?

* 1 point

- ☐ setState
- ☐ componentUpdate
- ☐ componentWillUpdate
- ☐ setComponentState



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Which of the statements are true for const *

1 point

- ☐ Constants are block-scoped.
- ☐ The value of a constant cannot change through reassignment, and it can't be redeclared.
- ☐ None of the above
- ☐ Both a and c

Which of the statements are true for var *

1 point

- ☐ It is recommended to always declare variables, regardless of whether they are in a function or global scope.
- ☐ The hoisting will affect the variable declaration, but not its value's initialization
- ☐ Both a and b
- ☐ None of the above

Which of the statements are true for let *

1 point

- ☐ let allows you to declare variables that are limited in scope to the block, statement, or expression on which it is used.
- ☐ It is similar to const.
- ☐ It is similar to var
- ☐ All of the above



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What shows in the console? *

1 point

```
'use strict';
```

```
console.log(productId);
```

```
var productId =15;
```

- ☐ 15
- ☐ Undefined
- ☐ Error
- ☐ 0

What shows in the console? *

1 point

```
const me = 'rat';
```

```
if (true) {
```

```
const me= 'cat';
```

```
}
```

```
console.log(me);
```

- ☐ cat
- ☐ rat
- ☐ Undefined
- ☐ Error



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What shows in the console? *

1 point

```
'use strict';
```

```
console.log(productId);
```

```
let productId =19;
```

- ☐ Uncaught ReferenceError: Cannot access 'productId' before initialization
- ☐ 19
- ☐ productId
- ☐ syntax error

What will be output String interpolation via template literals *

1 point

```
const first = 'Sam';
```

```
const last = 'Doe';
```

```
console.log(`Hello ${first} ${last}!`);
```

- ☐ Hello Sam Doe!
- ☐ `Hello \${first} \${last}!`
- ☐ Hello \${first} \${last}!
- ☐ `Hello Sam Doe!`



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What command runs the TypeScript compiler from the command line? *

1 point

- ☐ compile
- ☐ tsc
- ☐ tsrun
- ☐ ts-make

..... are the way to organize code in typescript. *

1 point

- ☐ Modules
- ☐ Classes
- ☐ Method
- ☐ Arrow

GraphQL is ? *

1 point

- ☐ open source
- ☐ server-side technology
- ☐ Both A and B
- ☐ None of the above



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A _____ is the client application request to retrieve data from database or legacy API's.

* 1 point

- ☐ GraphQL schema
- ☐ GraphQL resolvers
- ☐ Both A and B
- ☐ GraphQL query

Which approach is helpful for companies which have legacy infrastructure and different APIs? *

1 point

- ☐ GraphQL server with connected database
- ☐ GraphQL server that integrates existing systems
- ☐ Hybrid approach
- ☐ None of the above

Which of the following statements about the MAX function in SQL are true? *

1 point

- ☐ Can be used on any datatype.
- ☐ Returns the max value of the attribute.
- ☐ It is an aggregate function.
- ☐ All of the above statements are true.



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Which of the following query would limit the output to 5 rows? *

1 point

- ☐ SELECT * FROM DataFlair 5;
- ☐ SELECT * FROM DataFlair LIMIT 5;
- ☐ SELECT * FROM DataFlair 5 LIMIT;
- ☐ SELECT LIMIT(5) * FROM DataFlair ;

Which of the following is not a part of CRUD operations in SQL? *

1 point

- ☐ Creating a table.
- ☐ Deleting records from the table.
- ☐ Creating a copy of a table.
- ☐ Updating the data stored in the table.

Which of the following is used to modify the data stored in the database? *

1 point

- ☐ SELECT
- ☐ INSERT INTO
- ☐ UPDATE
- ☐ LIMIT

Which of the following is true about a cursor in SQL? *



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- ☐ It is read-only.
- ☐ The cursor can perform all the CRUD operations.
- ☐ Cursors are objects of the query.
- ☐ Cursors are created automatically.

Which of the following is not true about SQL Subqueries? *

1 point

- ☐ They are nested queries.
- ☐ Subqueries are executed first.
- ☐ Only one subquery can be nested.
- ☐ None of these.

What keywords do we use to make a class available to any code outside of a module? * 1 point

- ☐ Export
- ☐ Yield
- ☐ Produce
- ☐ Public

What special two character sequence does the arrow function syntax use? * 1 point

- ☐ >>
- ☐)>
- ☐ =>
- ☐ ->



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What shows in the console? *

1 point

```
let productId =42;  
  
for (let productId =0; productId <10; productId++)  
{  
  
}  
  
console.log(productId);
```

- ☐ 42
- ☐ Undefined
- ☐ productId
- ☐ Reference Error: productId is not defined

What shows in the console? *

1 point

```
var getPrice =() =>22;  
  
console.log(typeof getPrice);
```

- ☐ 22
- ☐ getPrice
- ☐ function
- ☐ Error



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What will be output String interpolation via template literals *

1 point

```
const first = 'Sam';
```

```
const last = 'Doe';
```

```
console.log(`Hello ${first} ${last}!`);
```

- ☐ Hello Sam Doe!
- ☐ `Hello \${first} \${last}!`
- ☐ Hello \${first} \${last}!
- ☐ `Hello Sam Doe!`

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